

BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2019-20/OW/WORK_INDENT37130/CALL-3

APPROVED SCHEDULE - B

No.EE/BTP/BBMP/E-PMT/28/2019-20, Date: 17.03.2020

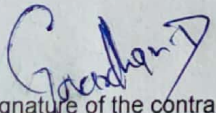
Name of Work: Construction of Anganavadi Building at Hosabalunagara in ward No. 11 (Kuvempunagara) Vidyaranyapura Sub Division.

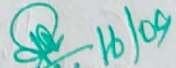
Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of GOVARDHAN D (GRD DEVELOPERS AND CONSTRUCTION)	
				In Figures	In Words
1	107.18	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including	Cum	206.0	Rupees Two Hundred Six Only
2	18.66	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine	Cum	5356.0	Rupees Five Thousand Three Hundred Fifty Six
3	19.52	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum	4545.0	Rupees Four Thousand Five Hundred Forty Five Only
4	7.13	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum	5407.0	Rupees Five Thousand Four Hundred Seven Only
5	48.28	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for raft foundation column footing , main and secondary beams with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.)	Cum	6443.0	Rupees Six Thousand Four Hundred Forty Three Only
6	107.18	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications	Cum	139.0	Rupees One Hundred Thirty Nine Only
7	112.76	Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not less than 1800 kg/m ³ and having a minimum average compressive strength 4.00 N/mm ²	Sqm	1015.0	Rupees One Thousand Fifteen Only
8	5.13	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500	Tonne	65500.0	Rupees Sixty Five Thousand Five Hundred Only
9	73.2	KSRB 10-3 : Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications	Sqm	1000.0	Rupees One Thousand Only
10	60.71	Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications	Sqm	210.0	Rupees Two Hundred Ten Only

Signature of the contractor

Executive Engineer

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of GOVARDHAN D (G DEVELOPERS AND CONSTRUCTION)	
				In Figures	In Words
11	162.35	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.	Sqm	265.0	Rupees Two Hundred Sixty Five Only
12	125.27	Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of	Sqm	215.0	Rupees Two Hundred Fifteen Only
13	41.8	Providing and fixing Special make glazed Vitrified tiles (Granomite finish) of approved make, quality and colour of size 600x600x10mm thick fixed	Sqm	1295.0	Rupees One Thousand Two
14	69.36	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan	Sqm	395.0	Rupees Three Hundred Ninety
15	54.71	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness above 200 mm including	Sqm	414.0	Rupees Four Hundred Fourteen Only
16	161.42	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam	Sqm	300.0	Rupees Three Hundred Only
17	7.56	Providing and fixing 1mm thick M.S. sheet garage door with frame and diagonal braces of size 40x40x6 mm angle Iron, 3.15mm thick M.S. Gusset plates at the junctions and corners with handles, stoppers and	Sqm	2518.0	Rupees Two Thousand Five Hundred Eighteen
18	4.74	Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28Kg/m duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenoned and revetted into the frames electrically. All the steel surface shall be thoroughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM of machinery complete as per specifications.	Sqm	3813.0	Rupees Three Thousand Eight Hundred Thirteen Only
19	223.06	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.	Sqm	77.0	Rupees Seventy Seven Only
20	125.27	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after	Sqm	91.0	Rupees Ninety One Only
21	20	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including	M	226.0	Rupees Two Hundred Twenty Six Only
22	15	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including	m	270.0	Rupees Two Hundred Seventy Only
23	1	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spat & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 30mm nominal OD pipes	m	307.0	Rupees Three Hundred Seven Only
24	15	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as	Each	648.0	Rupees Six Hundred Forty Eight Only


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				In Figures	In Words
25	1	Constructing brick masonry inspection chamber 455x610mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications.	Nos	7610.0	Rupees Seven Thousand Six Hundred Ten Only
26	3	Providing and fixing white vitreous china clay, surgeon type wash basin size 660x460mm with a pair of 15mm C.P brass pillar taps with pair of	Unit	4950.0	Rupees Four Thousand Nine
27	15	Providing and fixing in position brass bib cock of approved quality 25mm nominal bore including cost of all materials, labour and HOM of equipments with all loads complete as per specifications	Each	300.0	Rupees Three Hundred Only
28	2	Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make)	Pan	4685.0	Rupees Four Thousand Six Hundred Eighty
29	1	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable	Nos	9145.0	Rupees Nine Thousand One
30	30	Providing and fixing sand cast iron soil waste and vent pipes 100mm dia with spun yarn soaked in cement slurry and cement mortar 1:2 including	m	765.0	Rupees Seven Hundred Sixty Five
31	18	Providing and fixing on wall surface 2.5 kg / sq.cm H.D.P.E. rain down water pipes 90 mm outer dia approved make and brand with necessary	m	431.0	Rupees Four Hundred Thirty One
32	3	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible	Point	247.0	Rupees Two Hundred Forty
33	2	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, Finishing with necessary cement plastering complete (1.6.5) 4"x4"x3" (	Each	70.0	Rupees Seventy Only
34	844	Supplying 4mm thick plastic sheet with necessary niches for fixing switches, regulators etc., and fixing on existing wooden or metal box using N.F. screws.	SqCM	0.3	and Thirty Paise Only
35	60	Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe and plastering, finishing upto wall surface complete upto 50mm conduit in brick wall	Mtr	25.0	Rupees Twenty Five Only
36	60	Supplying heavy gauge PVC Conduit Pipe 19/20 mm dia 2 mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement	Mtr	60.0	Rupees Sixty Only
37	1	Supplying and fixing PBBC/Bakelite straight or slant batten holder and wiring with 60w/230 volts lamps.	Each	90.0	Rupees Ninety Only
38	1	Supplying patti type fluorescent tube light fitting of 2' - suitable for 14 watts fluorescent tube fitting, made out of M.S. Sheet and stove enameled with HF Electronic Ballast , locking type brass contact holders mounted on double fold type sheet base fully wired for use on 230 volts AC . Supply including T5 lamp.	Each	600.0	Rupees Six Hundred Only
39	15	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A 1.5 sqmm	Mtr	20.0	Rupees Twenty Only
40	4	Supplying and fixing cast Aluminum round or oblong type bulk head fitting with GI wire guard, glass cover with 60/100 watts 230V GLS lamp.	Each	750.0	Rupees Seven Hundred Fifty Only
41	1	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe	No	2730.0	Rupees Two Thousand Seven Hundred Thirty Only

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of GOVARDHAN D (C DEVELOPERS AND CONSTRUCTION)	
				In Figures	In Words
42	25	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A	Mtr	150.0	Rupees One Hundred Fifty Only
43	25	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required. In existing trench/duct.	Mtr	15.0	Rupees Fifteen Only
44	20	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete For Cutting Road Surface .	Mtr	90.0	Rupees Ninety Only
45	4	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV 40mm dia GI pipe	Mtr	345.0	Rupees Three Hundred Forty Five Only
46	1	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers 16Sqmm etc.,	No.	300.0	Rupees Three Hundred Only

Signature of the Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92